

| | | | | | |
|--|---|----|---|--------------------------|--|
| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| | | | | Application Number | Not Yet Assigned <i>(Continuation of Serial No. 09/276,759)</i> |
| | | | | Confirmation Number | Not Yet Assigned |
| | | | | Filing Date | October 8, 2003 |
| | | | | First Named Inventor | Toru MATAMA |
| | | | | Art Unit | 2615 (parent) |
| | | | | Examiner Name | Nhan T. Tran (parent) |
| Sheet | 1 | of | 1 | Attorney Docket Number | Q77927 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|-----------------|---|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² <i>(if known)</i> | | |
| /NT/ | | US 5,828,793 | | 10-27-1998 | MANN |
| | | US 5,264,944 | | 11-23-1993 | TAKEMURA |
| | | US 6,219,097 | | 04-17-2001 | KAMISHIMA et al. |
| | | US 5,455,621 | A | 01-03-1995 | MORIMURA |
| | | US 2002/0034336 | A1 | 03-21-2002 | SHIOTA et al. |
| √ | | US 6,160,579 | A | 12-12-2000 | SHIRAIWA et al. |
| /NT/ | | US 5,012,333 | | 04-30-1991 | LEE et al. |
| | | | | | |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|------------------------------|---------------------|---|--------------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ² <i>(if known)</i> | | | |
| /NT/ | | JP | 7-131704 | | 05-19-1995 | Canon, Inc. | |
| | | JP | 6-141229 | | 05-20-1994 | Matsushita Electric Ind. Co., Ltd. | |
| | | JP | 7-131718 | | 05-19-1995 | Canon, Inc. | |
| | | JP | 6-141229 | A | 05-20-1994 | Atsushi MORIMURA | |
| | | JP | 10-013679 | A | 01-16-1998 | Toru MATAMA | |
| √ | | JP | 09-046579 | A | 02-14-1997 | SHIRAIWA et al. | |
| /NT/ | | EP | 0813336 | A2 | 12-1997 | SHIOTA et al. | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| /NT/ | | Notification of reasons for Refusal, Dispatch No. 051496, 02/18/2003 | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|-------------|-----------------|------------|
| Examiner Signature | /Nhan Tran/ | Date Considered | 07/17/2007 |
|--------------------|-------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/680,261 |
| Confirmation Number | 5655 |
| Filing Date | October 8, 2003 |
| First Named Inventor | Toru MATAMA |
| Art Unit | 2615 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | Q77927 |

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------|---|
| | | Number | Kind Code ² (if known) | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
|-----------------------|--------------------------|------------------------------|---------------------|--------------------------------------|--------------------------------|--|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| /NT/ | | JP | 09-321972 | A | 12-12-1997 | Canon, Inc. | Yes |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
|-----------------------|--------------------------|--|--------------------------|
| /NT/ | | JPO Website Computer-generated English Translation of JP 09-321972 A | |
| | | | |
| | | | |
| | | | |
| | | | |

Examiner Signature

/Nhan Tran/

Date Considered

07/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.



Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/680,261 |
| Confirmation Number | 5655 |
| Filing Date | October 08, 2003 |
| First Named Inventor | Toru MATAMA |
| Art Unit | 2615 |
| Examiner Name | To Be Assigned |
| Attorney Docket Number | Q77927 |

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

[illegible]

| | | | |
|---------------------------|-------------|------------------------|------------|
| Examiner Signature | /Nhan Tran/ | Date Considered | 07/17/2007 |
|---------------------------|-------------|------------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.